

**WSCF
ANALYTICAL RESULTS REPORT**

for

Ground Water Protection Program

Richland, WA 99352

Attention: Steve Trent

Analytical:

Client Services:

All results are reported on an "as received" basis unless otherwise noted in the comment section.

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Report#: WSCF20031037
Report Date: 5-aug-2003
Report W004/ver. 5.2
Ground Water Protection Program

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Revision 0

WSCF ANALYTICAL RESULTS REPORT

Attention: Steve Trent
Project: F03-006: 200-PW-2/PW-4

Group #: WSCF20031037

Sample #	Client ID	CAS #	Test Performed	Matrix	WSCF Method	RQ	Result	Unit	DF	MDL	Analyze Sample	Receive
W030000669	B17496	TRENT	12587-46-1	Alpha by liquid scintillation	SOLID	LA-508-421	2.00	pCi/g		1.3	08/05/03	08/04/03 08/04/03
W030000669	B17496	TRENT		Alpha error by LC	SOLID	LA-508-421	160	%		0.0	08/05/03	08/04/03 08/04/03
W030000669	B17496	TRENT	12587-47-2	Beta by liquid scintillation	SOLID	LA-508-421	53.0	pCi/g		1.7	08/05/03	08/04/03 08/04/03
W030000669	B17496	TRENT		Beta error by LC	SOLID	LA-508-421	20.0	%		0.0	08/05/03	08/04/03 08/04/03

MDL=Minimum Detection Limit

RQ=Result Qualifier

DF=Dilution Factor

* - Indicates results that have NOT been validated; + - Indicates more than six qualifier symbols

Report W004/ver. 5.2

Ground Water Protection Program

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WSCF ANALYTICAL COMMENT REPORT

Attention:
Project Number

Group #: 20031037

Sample #	Client ID	Lab Area	Test	Comment
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Lab Areas: VALGROUP - Group Validation
LOGSAMP - Login for Sample

VALTEST - Test Validation
LOGTEST - Login for Tests

TESTDATA - Test Data Entry

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w04c/3 Report#: 20031037

Report Date: 5-aug-2003

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WSCF
TENTATIVELY IDENTIFIED PEAK REPORT

Attention:
Project Number

Group #: 20031037

Sample #	Client ID	Test Name	Peak Name	CAS#	RT	RQ	Result	Units
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RQ=Result Qualifier

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W04E v 4.1 Report#: 20031037

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WSCF

METHOD REFERENCES REPORT

The results provided in this report were generated using the following WSCF Laboratory procedures. For your convenience, this table provides a listing of the regulatory or industry methods that are referenced by each of these WSCF procedures. Please note that the most recent version of the regulatory or industry method is listed here even though the WSCF procedure may reference an older version of the method. Also, a reference to a regulatory or industry method here does not necessarily indicate a verbatim implementation of that method.

LA-508-421	LA-508-421: OPERATION OF THE TRI-CARB MODEL 2500TR LIQUID SCINTILLATION ANALYZER
None	No reference to any industry method.

Note: A complete list of WSCF analytical procedures and referenced regulatory or industry methods is available online at <http://apweb02/asponlinedocs/wscf/sample%20mgmt/ProcedureMethodCrossReference.pdf>. This document includes on-line links to full-text versions of the procedures and methods, where available.

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Report W04M/2

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w13qlog v1 05-aug-2003 10:19:46

WL#	S#	Batch	QC#	Tray Type	Sample#	Test
19979	1	20365		SAMPLE	W030000669	A/B by Liquid Scintillation

00000006

WSCF ANALYTICAL LABORATORY QC REPORT

SDG Number: 20031037

SAF Number:

Matrix:
Test:

Sample Date:
Receive Date:

QC Type	Analyte	CAS #	Results	Units	Analysis Date	Lower Limit	Upper Limit
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Lab ID:
BATCH QC ASSOCIATED WITH SAMPLE

Waste Sampling and Characterization Facility
P.O. BOX 1970 S3-30, Richland, WA 99352
PHONE: (509) 373-7004/FAX: (509) 373-7134

8/5/03
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ACKNOWLEDGMENT OF SAMPLES RECEIVED

Ground Water Protection Program

Richland, WA 99352
Attn: Steve Trent

Customer Code: GPP
PO#: 117504/ES20
Group#: 20031037
Project#: F03-006
Proj Mgr: STEVE TRENT A0-21
Phone: 373-5869

The following samples were received from you on 08/04/03. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Waste Sampling and Characterization Facility.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
W030000669	B17496	TRENT @TOTALAB	Solid, or handle as if solid	08/04/03

Test Acronym Description

Test Acronym	Description
@TOTALAB	A/B by Liquid Scintillation

FH-Central Plateau Project		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				F03-006-219		Page 1 of 1	
Collector Pope/Pfister/Hughes/Johansen		Company Contact LC Hulstrom		Telephone No. 373-3928		Project Coordinator TRENT, SJ		Price Code 8N	
Project Designation 200-PW-2/200-PW-4 OU - Borehole Soil Sampling		Sampling Location 7-18-03 45 (C4160) 216-A-36B (C3248) - 89.5-92				SAF No. F03-006		Data Turnaround 45 Days 24 Hours	
Ice Chest No.		Field Logbook No. HNF-N-3361		COA 117504ES10		Method of Shipment Government Vehicle			
Shipped To Waste Sampling & Characterization		Offsite Property No.				Bill of Lading/Air Bill No.			
POSSIBLE SAMPLE HAZARDS/REMARKS RADIOLOGICAL TIE TO SAMPLE: B173V5, B173W2		Preservation		Cool 4C					
Special Handling and/or Storage 20031037		Type of Container		aG					
		No. of Container(s)		1					
		Volume		60mL					
SAMPLE ANALYSIS		Activity Scan							
Sample No.	Matrix *	Sample Date	Sample Time						
B17496	SOIL	8-4-03	1125	X					
1003000102									
CHAIN OF POSSESSION		Sign/Print Names		SPECIAL INSTRUCTIONS					
Relinquished By/Removed From R. PFISTER/Asst. Prof.	Date/Time 8/4/3 1400	Received By/Stored In [Signature]	Date/Time 8/4/03						
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time						
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time						
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time						
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time						
Relinquished By/Removed From	Date/Time	Received By/Stored In	Date/Time						
LABORATORY SECTION		Received By		Title		Date/Time			
FINAL SAMPLE DISPOSITION		Disposal Method		Disposed By		Date/Time			

Matrix *

- S=Soil
- SE=Soil/Sediment
- SO=Solid
- SI=Sludge
- W=Water
- O=Oil
- A=Air
- DS=Drum Solids
- DL=Drum Liquids
- T=Tissue
- WI=Wipe
- L=Liquid
- V=Vegetation
- X=Other

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